



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 9550

SERIAL NUMBER 10/712,945	FILING DATE 11/13/2003 RULE	CLASS 257	GROUP ART UNIT 2811	ATTORNEY DOCKET NO. 20059/PIA30962
-----------------------------	---------------------------------------	--------------	------------------------	---------------------------------------

APPLICANTS

Jae Suk Lee, Seoul, KOREA, REPUBLIC OF;

** CONTINUING DATA *****
None *A.O.A.*

** FOREIGN APPLICATIONS *****
REPUBLIC OF KOREA 10-2002-0086218 12/30/2002
A.O.A.

IF REQUIRED, FOREIGN FILING LICENSE GRANTED
** 02/12/2004

Foreign Priority claimed ☒ yes ☐ no
35 USC 119 (a-d) conditions met ☐ yes ☒ no ☐ Met after Allowance
Verified and Acknowledged *am* *O. ar* *A.O.A.*
Examiner's Signature Initials

STATE OR
COUNTRY
KOREA,
REPUBLIC OF

SHEETS
DRAWING
4

TOTAL
CLAIMS
20

INDEPENDENT
CLAIMS
2

ADDRESS

34431
HANLEY, FLIGHT & ZIMMERMAN, LLC
20 N. WACKER DRIVE
SUITE 4220
CHICAGO, IL
60606

TITLE

Metal line structures in semiconductor devices and methods of forming the same

FILING FEE RECEIVED 770	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---